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Impact of Security-related Stress and Affective Distress on Information Security Policy Compliance

Emergent Research Forum (ERF)

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Abstract

This study examines why and how do employees experience SRS affect both affective and cognitive appraisals toward information security compliance behavior. Incorporating Job Demand-Resources (JD-R) with the Theory of Planned Behavior (TPB), we develop a research model to examine the emotional and cognitive elements that employees may experience from security-related stress (SRS). We further posit that job control may have a negative effect on the SRS-affective distress relationship. By using exploratory longitudinal research approach, this study examines the SRS effect to vary affective distress and cognitive elements influencing employees' compliance intention toward information security policy (ISP). JD-R and TPB would make a theoretical contribution to security literature that may broaden the horizon of negative emotion-related factors influence information security compliance behavior. Besides, the study can contribute to organizations to understand what factors reinforce employees' affective and cognitive elements to comply with the organizations' ISP.

Keywords

Security-related stress (SRS), Affective Distress, Job Control, Theory of Planned Behavior, Information security policy compliance